

Converting Colors

YIQ(190.1260, -54.4620,
-37.2300)

Have a look what the booklet for
YIQ(190.1260, -54.4620, -37.2300)
contains.

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Color

**YIQ(190.1260, -54.4620,
-37.2300)**

Conversions

Conversions Part 1

Format	Color
Hex	73E5BB
RGB	115, 229, 187
RGB Percent	45%, 90%, 73%
CMY	0.5493, 0.1018, 0.2668
CMYK	0.50, 0.00, 0.18, 0.10
HSL	158°, 69%, 67%
HSV	158°, 50%, 90%
XYZ	44.0574, 63.2906, 56.8817
YIQ	190.1260, -54.4620, -37.2300

Conversions

Conversions Part 2

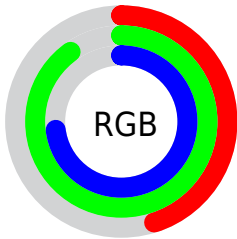
Format	Color
RYB	115, 185, 229
Decimal	7595451
CIELab	83.60, -42.33, 10.64
CIELCh	84, 43.648, 165.893
Yxy	63.2906, 0.2683, 0.3854
Android (android.graphics.Color)	4285785531 (0xFF73E5BB)
YUV	190.1260, -1.5411, -65.8855
Hunter-Lab	79.5554, -40.3695, 13.2968

Details

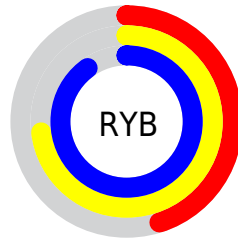
The YIQ color **190.1260, -54.4620, -37.2300** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **153.8740, 54.4620, 37.2300**, and the grayscale version is **190.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1140, -45.0200, -21.1160**, and **132.6740, -59.0010, -37.5690** is the 20% darker color. If you saturate the color by 10%, you get **182.3370, -65.6020, -44.5940**, and if you desaturate by 10%, it is **197.9150, -43.3220, -29.8660**.

Distribution



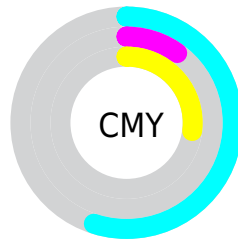
- Red (45%)
- Green (90%)
- Blue (73%)



- Red (45%)
- Yellow (73%)
- Blue (90%)



- Cyan (50%)
- Magenta (0%)
- Yellow (18%)
- Black (10%)



- Cyan (55%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 190.1260, -54.4620, -37.2300 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 190.1260, -54.4620, -37.2300 by changing the saturation by 10% instead.

■ 190.1260,
-54.4620, -37.2300

■ 190.1260,
-54.4620, -37.2300

■ 255.0000, -0.0000,
-0.0000

■ 161.6420,
-55.9750, -37.3430

■ 229.1140,
-45.0200, -21.1160

■ 132.6740,
-59.0010, -37.5690

■ 239.1530,
-31.5880, -11.2360

■ 98.6120, -73.6260,
-42.3460

■ 248.1230,
-13.7080, -4.8760

■ 79.4290, -59.6890,
-36.1130

■ 62.1320, -45.4310,
-30.1910

■ 44.9490, -31.4940,
-23.9580

■ 29.1680, -18.7490,

-18.1490

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 190.1260,
-54.4620, -37.2300

■ 190.1260,
-54.4620, -37.2300

■ 182.3370,
-65.6020, -44.5940

■ 197.9150,
-43.3220, -29.8660

■ 174.4340,
-76.4210, -52.2690


■ 205.8180,
-32.5030, -22.1910


■ 166.6450,
-87.5610, -59.6330

■ 213.6070,
-21.3630, -14.8270


■ 158.7420,
-98.3800, -67.3080

■ 221.5100,
-10.5440, -7.1520

 150.9530,
-109.5200, -74.6720

 229.0000, -0.0000,
-0.0000

 236.9030, 10.8190,
7.6750

 238.7120, 10.0390,
10.7990

 239.7380, 7.1500,
13.5980

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



197.9340, -9.9430, -34.5750



190.1260, -54.4620, -37.2300



177.5610, -103.9790, -37.4110

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



190.1260, -54.4620, -37.2300



204.4210, -28.5660, 11.0980



202.0540, 52.6340, 4.2660

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



190.1260, -54.4620, -37.2300



153.8740, 54.4620, 37.2300

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



201.5760, 42.9570, 19.9570



190.1260, -54.4620, -37.2300



212.3600, 8.9350, 30.8150

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



190.1260, -54.4620, -37.2300



191.1220, -73.8610, -10.5410



207.5380, 28.9250, 31.9730



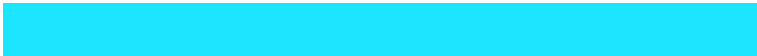
207.1660, 54.6540, -10.3220

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



190.1260, -54.4620, -37.2300



172.1640, -127.5460, -34.3140



207.5380, 28.9250, 31.9730



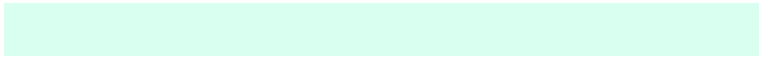
201.5470, 49.9280, 9.2560

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



190.1260, -54.4620, -37.2300



242.0420, -18.1540, -12.4100



195.0740, -5.1260, -50.2940



120.0970, -10.8190, -7.6750



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



190.1260, -54.4620, -37.2300



202.8690, -73.2120, -49.8520



187.2830, -64.3690, -17.3690



110.9560, -5.8680, -3.7880



117.9550, -85.4980, -58.4740



33.5850, -24.2970, -16.7210

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



153.8740, 54.4620, 37.2300



154.1310, 73.2120, 49.8520



156.7170, 64.3690, 17.3690



107.1580, 5.5470, 4.0990



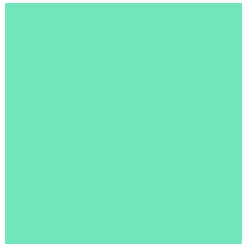
61.0450, 85.4980, 58.4740



17.4150, 24.2970, 16.7210

Previews

White Background



This preview shows how the YIQ color 190.1260, -54.4620, -37.2300 looks on a white background.

Color Contrast Check

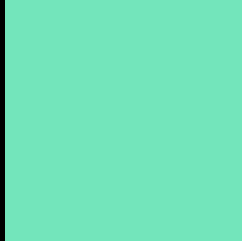
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 190.1260, -54.4620, -37.2300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

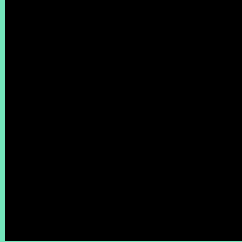
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

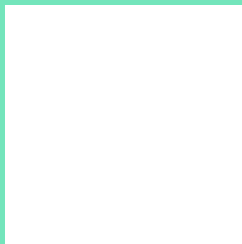
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 190.1260, -54.4620, -37.2300 Background



This preview shows how black text looks on a background with the YIQ color 190.1260, -54.4620, -37.2300.



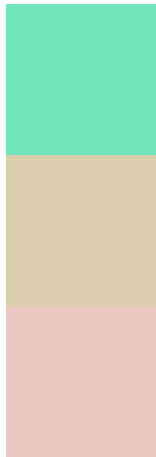
This preview shows how white text looks on a background with the YIQ color 190.1260, -54.4620, -37.2300.

-37.2300.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

190.1260, -54.4620, -37.2300

Protanopia

206.0540, 17.1030, -7.0970

Deuteranopia

208.7700, 21.3190, 4.6070



Tritanopia

196.5440, -60.6100, -13.9060

Trichromacy



Original Color

190.1260, -54.4620, -37.2300



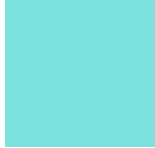
Protanomaly

200.1430, -8.4330, -17.8810



Deuteranomaly

202.1420, -6.6920, -10.8840



Tritanomaly

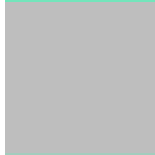
194.6440, -58.3160, -22.4440

Monochromacy



Original Color

190.1260, -54.4620, -37.2300



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

190.0310, -19.6210, -13.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 190.1260, -54.4620, -37.2300 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(115, 229, 187)` looks like.

```
.text, #text, p{  
    color:rgb(115, 229, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(115, 229, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 229, 187) }
```

Border

The CSS property to change the border of an element to YIQ 190.1260, -54.4620, -37.2300 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(115, 229, 187) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(115, 229, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(115, 229, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 229, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 229, 187);  
box-shadow:4px 4px 4px 4px rgb(115, 229,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 190.1260, -54.4620, -37.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 229, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(115,  
229, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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